

# BUSHING DESIGN CATALOGUE

Metal and Bimetal Bearings



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Quote



## BUSHING DESIGN CATALOGUE

BIMETAL BEARINGS

# VIPLUS

HIGH PERFORMANCE BEARING SOLUTIONS 容

## Introduction

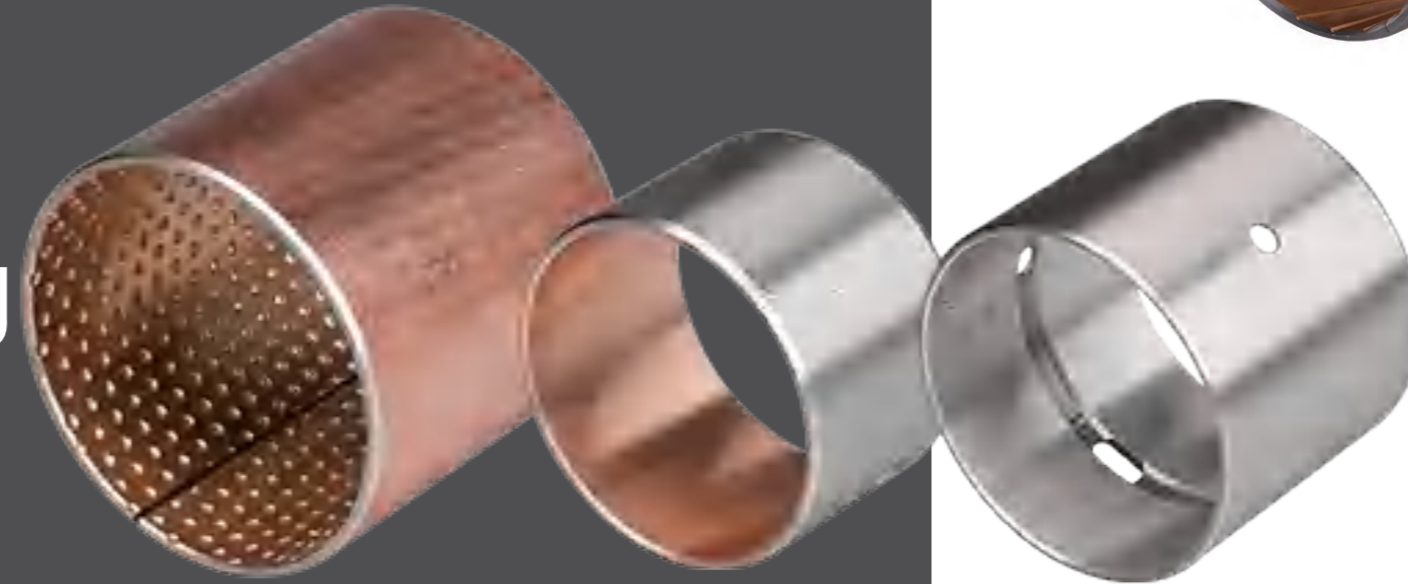
# BIMETAL BEARINGS

Polymer coatings

# Thin Walled Bushing

MAINTENANCE-FREE

One of China leading suppliers of slide bearings, plain bearings and bronze bushings. World class logistics!



Bimetal sleeve bushings are able to handle heavy loads and shock loading conditions. Our bimetal bearings have anti-corrosion capabilities and are easy to install, making them ideal for emergency replacements. Thin walled bearing is available with stainless steel, carbon steel or bronze backing.

Thin Walled Bimetal Bearings ,  
Maintenance-free

## CYLINDRICAL BUSHINGS

### CHARACTERISTICS

- Lead-free
- Machinable
- Design freedom
- customizable to meet specific indentation and shape need
- Capable of supporting high specific loads and high temperatures
- Excellent fatigue strength under dynamic and shock load condition
- Suitable for oil and grease lubrication
- Suitable for hydrodynamic operation
- Excellent wear resistance
- Superior performance under oscillating movement
- Thin-wall construction permits compact bearing assembly



### SLEEVE BUSHING SLIDING BEARINGS

#### PROPERTIES

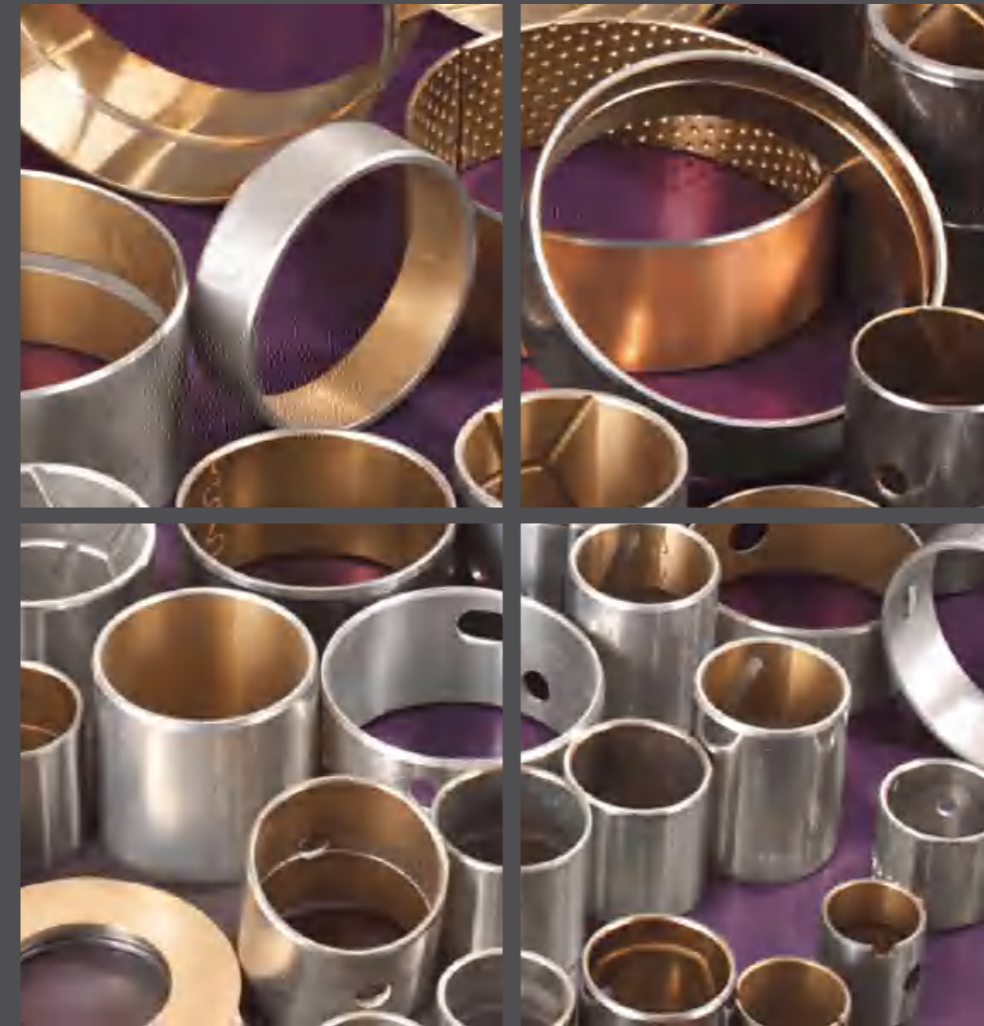
heavy duty lead free bimetal bearings with  
Steel Bronze Layer



## BIMETAL BUSHINGS

### MATERIAL

Lead-free and compliant with RoHS specifications, Glide Bushing is designed for high load capacities. A bimetal composition with steel backing and bronze overlay offers better resistance to fatigue strength at high temperatures—even in the most demanding conditions.



VIIPLUS offers a comprehensive selection of products to meet the world's most demanding surface engineering needs. We manufacture metal-polymer, engineered plastics, fiber reinforced composite, metal and bimetal bearings and polymer coatings along with a range of supporting assemblies, bushing blocks and thrust plates.

# Bimetal Lead-Free Plain Bearings

## RANGE OF APPLICATION

GREEN ENGINEERED SOLUTIONS  
FOR HARD-WORKING  
APPLICATIONS  
AGRICULTURAL, MECHANICAL  
HANDLING AND LIFTING  
APPLICATIONS



MADE -TO-ORDER  
STRIPS  
INCH & METRIC SIZE

Partner With **VIIPLUS**



AVAILABILITY

Bearing forms made to order: Cylindrical bushes and sliding plates with non-standard dimensions, RoHS customized bearing designs



MADE IN CHINA  
**GET STARTED**

**CONTACT**

START YOUR PROJECT

With an Application Engineer: [TIFFANY@VIIPLUS.COM](mailto:TIFFANY@VIIPLUS.COM)

[WWW.BRONZEGLEITLAGER.COM](http://WWW.BRONZEGLEITLAGER.COM)

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